



SUBSTITUTE FORM PTO-1449 (2001) INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 C.F.R. § 1.98(b))	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. 50195/008003
	Serial No. 09/988,115	Applicant James M. Robl et al.
	Filing Date November 16, 2001	Group 1632
	IDS Filed August 3, 2005	

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)
<i>dc</i>	6,133,503	10/17/00	Scheffler	/	/	
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
<i>dc</i>	Baguisi et al., "Production of Goats by Somatic Cell Nuclear Transfer," <i>Nature Biotechnology</i> 17:456-461 (1999).					
	Co et al., "Generation of Transgenic Mice and Germline Transmission of a Mammalian Artificial Chromosome Introduced into Embryos by Pronuclear Microinjection," <i>Chromosome Research</i> 8:183-191 (2000).					
	Eyestone et al., "Nuclear Transfer from Somatic Cells: Applications in Farm Animal Species," <i>Journal of Reproduction and Fertility</i> 54:489-497 (1999).					
	Grimes et al., "Engineering Mammalian Chromosomes," <i>Human Molecular Genetics</i> 7:1635-1640 (1998).					
	Langford et al., "Production of Pigs Transgenic Human Regulators of Complement Activation Using YAC Technology," <i>Transplantation Proceedings</i> 28:862-863 (1996).					
	Niemann et al., "Transgenic Livestock: Premises and Promises," <i>Animal Reproduction Science</i> 60-61:277-293 (2000).					
	Prather et al., "Development of the Techniques for Nuclear Transfer in Pigs," <i>Theriogenology</i> 51:487-498 (1999).					
	Sun et al., "Expressed Swine V <sub>H</sub> Genes Belong to a Small V <sub>H</sub> Gene Family Homologous to Human V <sub>H</sub> III," <i>The Journal of Immunology</i> 153:5618-5627 (1994).					
	Zhao et al., "Artiodactyl IgD: The Missing Link," <i>The Journal of Immunology</i> 169:4408-4416 (2002).					
<i>dc</i>	Zuelke, "Transgenic Modification of Cows Milk for Value-Added Processing," <i>Reproduction, Fertility, Development</i> 10:671-676 (1998).					

EXAMINER	<i>Deborah Crouse</i>	DATE CONSIDERED	<i>9-29-05</i>
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.			



Sheet 1 of 2

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. 50195/008003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No. 09/988,115
(37 C.F.R. § 1.98(b))		Applicant James M. Robl et al.
		Filing Date November 16, 2001
		Group 1632
		IDS Filed January 28, 2005
		Customer No. 21559

U.S. PATENT DOCUMENTS						
Examiner's Initials	Document Number	Publication Date	Patentee or Applicant	Class	Subclass	Filing Date (If Appropriate)

FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
Examiner's Initials	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
dc	WO 99/60108	11/25/1999	WIPO	1	1	

OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
dc	Echelard et al., Cloned cattle engineered to carry an artificial chromosome encoding human immunoglobulin genes are a significant leap toward the production of safer and more potent therapeutic antibodies, <i>Nat. Biotechnol.</i> 20:881-882, 2002.					
	Farrugia et al., Intravenous immunoglobulin: regulatory perspectives on use and supply, <i>Trans. Med.</i> 11:63-74, 2001.					
	Fishwild et al., Highavidity human IgGk monoclonal antibodies from a novel strain of minilocus transgenic mice, <i>Nat. Biotech.</i> 14:845-851, 1996.					
	Ishida et al., Production of human monoclonal and polyclonal antibodies in transchromosomal animals, <i>Clon. Stem Cells</i> 4:91-102, 2002.					
	Joziasse et al., Xenotransplantation: the importance of the Galα1,3Gal epitope in hyperacute vascular rejection, <i>Biochim. et BioPhys.</i> 1455:403-418, 1999.					
	Kuroiwa et al., Cloned transchromosomal calves producing human immunoglobulin, <i>Nat. Biotech.</i> 20:889-894, 2002.					
	Lonberg et al., Human antibodies from transgenic mice, <i>Intern. Rev. Immunol.</i> 13:65-93, 1995.					
	Lucier et al., Multiple sites of Vλ diversification in cattle, <i>J. Immun.</i> 161:5438-5444, 1998.					
dc	Mendez et al., Functional transplant of megabase human immunoglobulin loci recapitulates human antibody response in mice, <i>Nat. Genet.</i> 15:146-156, 1997.					

EXAMINER <i>Deborah Crouse</i>	DATE <u>1/15/05</u> CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	

Sheet 2 of 2

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No. 50195/008003
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)		Serial No. 09/988,115
(37 C.F.R. § 1.98(b))		Applicant James M. Robl et al.
		Filing Date November 16, 2001
		Group 1632
		IDS Filed January 28, 2005
		Customer No. 21559

<i>jl</i>	Raeber et al., Ectopic expression of prion protein (PrP) in T lymphocytes or hepatocytes of PrP knockout mice is insufficient to sustain prion replication, <i>Proc. Natl. Acad. Sci.</i> 96:3987-3992, 1999.
<i>jl</i>	Sandrin et al., Recent advances in xenotransplantation, <i>Curr. Opin. in Immun.</i> 11:527-531, 1999.
<i>jl</i>	Stishm et al., Appropriate therapeutic use of immunoglobulin, <i>Trans. Med. Rev.</i> X:203-221, 1996.
<i>jl</i>	Tomizuka et al., Functional expression and germline transmission of a human chromosome fragment in chimaeric mice, <i>Nat. Genet.</i> 16:133-143, 1997.

EXAMINER <i>ADS</i> Deborah A. Bond	DATE <i>1/16/05</i> CONSIDERED
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.	